North Carolina Division of Water Resources
Laboratory (Water Sciences Section)

Water Sample Collection & Submittal Form

Visit ID: (optional) | Tag ID

Lab Use Only:

Laboratory Sample Number:

Date Received: M/D/Y / /

Time Received: (24 hr format) :

Received By:

Delivery Method: ☐ State Courier ☐ Hand Delivered ☐ Other:

Location Description:

Location Code:

County:

Collector:

DWR Region: (based on county)

DWR Office: (or agency name)

River Basin:

Date (m/d/y): (begin/end) / / / /

Notes:

Time (24 hr): (begin/end) : :

Priority:	Water Matrix:	Location Type:	
☐ Ambient	☐ Surface	☐ River/Stream	☐ Lake
☐ Routine	☐ Ground	☐ Estuary	☐ Canal
☐ Compliance	☐ Waste	☐ Stormwater	☐ Influent
☐ COC	☐ Blank	☐ Monitoring Well	☐ Filter Blank
☐ Emergency	☐ Solution	☐ Effluent	☐ Trip Blank
☐ QA	☐ Foam	☐ Field Blank	☐ Water Supply
		☐ Other:	

Sampling Method: ☐ Grab ☐ Composite ☐ Other:

☐ Chlorinated ☐ De-chlorinated in Field

☐ Filtered in Field

Dissolved analysis: Enter "DIS" in check-boxes for parameters

Sample Depth:

Secchi Depth:

Login file:

Temperature on Arrival (°C):

Lab Comments:

Lot #s / Collector Comments:

Field Parameters *(optional)* : Preservative : Y

Water Temp (°C):

pH (s.u.):

Dissolved Oxygen (ppm):

Conductivity (µmhos/cm):

Salinity (ppt):

Microbiology Parameters:	Preservative
Alkalinity, as CaCO3, to pH 4.5/8.3	A
BOD: Biochemical Oxygen Demand, 5-day	A
cBOD: Carbonaceous BOD, 5-day	A
Coliform: Fecal MF	B - C
Coliform: Total MF	B - C
Specific Conductance, at 25°C	A
TOC - Total Organic Carbon	A - G
Turbidity	A
Other Parameters:	
pH	Y
Nutrients Parameters:	
Ammonia as N (NH3-N)	A - C - D
Nitrate-Nitrite as N (NO3+NO2-N)	A - D
Total Kjeldahl Nitrogen as N (TKN)	A - D
Total Phosphorus as P (TP)	A - D
Nitrite as N (NO2-N)	A
Nitrate as N (NO3-N calculated)	
Orthophosphate as P (PO4)	A - Z
Cyanotoxins:	
Microcystin	A

Wet Chemistry Parameters:	Preservative
Bromide	A
Chloride	A
Fluoride	A
Sulfate	A
Chlorophyll a	A
Color: ADMI	A
Color: Platinum Cobalt	A
COD: Chemical Oxygen Demand	A - D
Cyanide, Total	A - H - P
Hexavalent Chromium (Cr6+)	A - I
MBAS (surfactants)	A
Oil and Grease, HEM, Total Recoverable	A - D
Phenols, Total Recoverable	A - D - M
Residue: Total (*Total Solids*)	A
Residue: Volatile/Fixed, Total	A
Residue: Suspended (*Suspended Solids*)	A
Residue: Volatile/Fixed, Suspended	A
TDS - Total Dissolved Solids	A
Silica	A
Sulfide	A - J
Tannin & Lignin	

Metals Parameters:	Preservative
Aluminum (Al)	E
Antimony (Sb)	E
Arsenic (As)	E
Barium (Ba)	E
Beryllium (Be)	E
Cadmium (Cd)	E
Calcium (Ca)	E
Chromium (Cr), Total	E
Cobalt (Co)	E
Copper (Cu)	E
Iron (Fe)	E
Lead (Pb)	E
Lithium (Li)	E
Magnesium (Mg)	E
Manganese (Mn)	E
Mercury (Hg)	E
Molybdenum (Mo)	E
Nickel (Ni)	E
Potassium (K)	E
Selenium (Se)	E
Silver (Ag)	E
Sodium (Na)	E
Strontium (Sr)	E

Metals Parameters Con't:	Preservative
Thallium (Tl)	E
Tin (Sn)	E
Titanium (Ti)	E
Vanadium (V)	E
Zinc (Zn)	E
Mercury 1631, low-level	
Boron (B)	E
Hardness, Total as CaCO3 - by titration	E
Organics Parameters:	
Acid Herbicides	A - C
Organochlorine Pesticides	A - C
Organonitrogen Pesticides	A - C
Organophosphorus Pesticides	A - C
PCBs (polychlorinated biphenyls)	A - C
Semi-Volatile Organics (BNAs)	A - C
TPH Diesel Range	A - C
Volatile Organics (VOA)	A - C - F - L
1,4-Dioxane	C - L
TPH Gasoline Range	A - C - F - L
Perfluorinated Compounds (PFAS)	A - T
Biological:	
Phytoplankton / Algae	A - R

Preservative Legend (circle above as needed): **(A)** cool ≤6°C, **(B)** cool <10°C, **(C)** 0.008% $Na_2S_2O_3$ [when chlorine is present], **(D)** H_2SO_4 to pH <2, **(E)** HNO_3 to pH <2, **(F)** HCl to pH <2, **(G)** H_3PO_4 to pH <2, **(H)** 6N NaOH to pH >10<11, **(I)** $(NH_4)_2SO4$ pH=9.3-9.7, **(J)** zinc acetate & NaOH to pH to >9, **(K)** pH 6-9 ascorbic acid [when chlorine is present], **(L)** leave no headspace, **(M)** ferrous ammonium sulfate [when chlorine is present], **(P)** ascorbic acid [when chlorine is present], **(R)** Lugols, **(T)** Trizma [when chlorine is present], **(Y)** analyzed within 15 minutes of sample collection, **(Z)** filtered in field within 15 minutes using 0.45um pore size

Required: 1) Collector Initials and Date, 2) Circle each preservative option utilized next to each parameter.

Revision 4/4/2022